

TABLE OF	OPE	ERA	TIO	N		
	PHASE					
SIGNAL FACE	Ø2+6	Ø 3	Ø 4	LUTANI		
21, 22	G	R	R	Y		
31	R	G	R	R		
32	R	G	R	R		
41	R	R	G	R		
42	R	R	G	R		
61, 62	G	R	R	Y		

Х Х Х Simultaneous Gap * These values may be field adjusted. Do not adjust Min Green and Extension times for phases 2 and 6 lower than what is shown. Min Green for all other phases should not be lower than 4 seconds.

6

10

-

-

-45

4.1

3.0

2.0

-

-

-

-

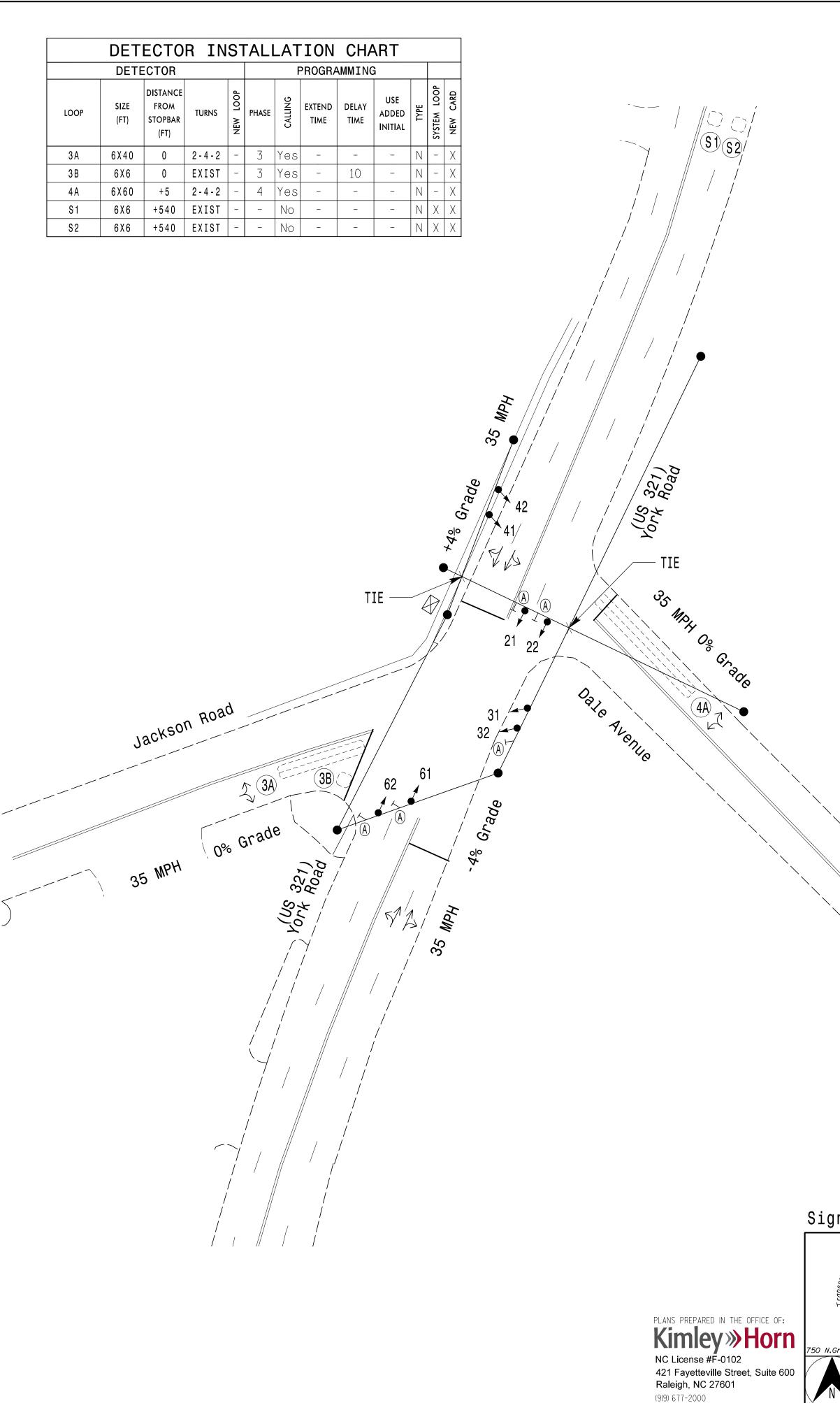
-

-

-

-

Х

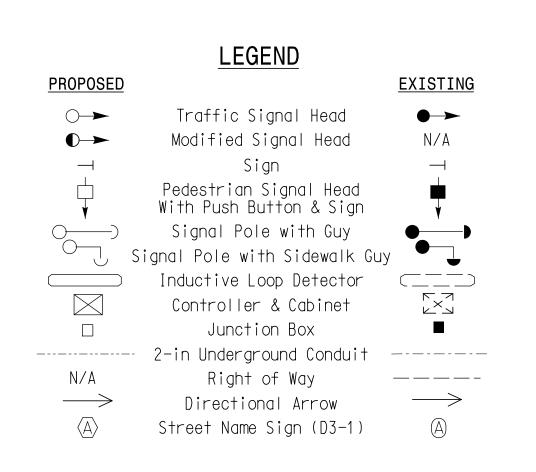


PROJECT REFERENCE NO. SHEET NO.

3 Phase Semi-Actuated Gastonia Signal System

NOTES

- 1. Refer to "Roadway Standard Drawings NCDOT" dated January 2018 and "Standard Specifications for Roads and Structures" dated January 2018.
- 2. Do not program signal for late night flashing operation unless otherwise directed by the Engineer.
- 3. The order of phase 3 and phase 4 may be reversed.
- 4. Set all detector units to presence mode.
- 5. In the event of loop replacement, refer to the current ITS and Signal Design Manual and submit a Plan of Record to the Signal Design Section.
- 6. Locate new cabinet so as not to obstruct sight distance of vehicles turning right on red.
- 7. Pavement markings are existing.
- 8. Maximum times shown in timing chart are for free-run operation only. Coordinated signal system timing values shall supersede these values.
- 9. Install new cabinet on the existing cabinet foundation.
- 10. All new cabinets and base extenders shall be black in color. See Project Special Provisions for details.
- 11. City system data: Controller Asset: #0067



gnal	. Upgrad	е								DOCUMENT NOT CO FINAL UNLESS SIGNATURES COM	ALL
	Prepared For: Nobility and Solo Division		(US 321) York Rd. at Jackson Rd./Dale Ave.				SEAL 044434				
			Division	12 G	aston	County		G	astonia		
Sno	Design Section		PLAN DATE:	May 2021		REVIEWED BY:	SL	Phil	lips	P BAU	MATT
Greenfie	eld Pkwy,Garner,NC	27529	PREPARED BY:	CF Davis		REVIEWED BY:	ΚP	Baum	ann		\` \
SCALE				REVISIONS			II	NIT.	DATE	DocuSigned by:	
	0	30								Nem Jaman	3/11/2022
										SIGNATURE	DATE
· y	1 "=30'									SIG. INVENTORY NO.	12-0067